

**Amendments to the Specification:**

Please replace paragraphs 0031 and 0032 on page 6 of the specification, with the following rewritten paragraphs:

[0031] As will be appreciated, the fact that resistors ~~112~~ 122 and 123 form part of the internal stage and are sealed within the chip, they are not replaceable/adjustable in the same manner as the capacitor 120. Accordingly, in a further embodiment of the invention a modified chip is used and the resistors ~~112~~ 122 and 123 are replaced by resistors 212 and 213 that are incorporated into the external stage via the provision of additional pins.

[0032] With this embodiment, the resistors ~~212~~ 222 and ~~213~~ 223 are rendered replaceable/adjustable along with the capacitor 220 and the circuit is not limited to a resistance in the RC circuit which is the sum of the resistances of resistors 122 and 123. This embodiment alleviates the problem wherein the circuit tends to be limited with respect to incoming signals that have frequencies outside of the range which can be dealt with the circuit arrangement wherein R is fixed and only the value of C is variable.

Please replace paragraph 0034 on pages 6 and 7 of the specification, with the following rewritten paragraph:

[0034] It will be appreciated that, while the resistors ~~212~~ 222 and ~~213~~ 223 and the capacitor 220 are illustrated as fixed value components which can be changed out for ones with different resistances and capacitances, these components can, if so desired, be replaced with variable resistance and capacitance arrangements to allow for “on the fly” tuning of the circuit.